

DRAFT**PATENT**Attorney Docket No. **GENITOPE-03849****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Denney

Serial No.: 09/370,453

Filed: 08/09/99

Entitled:

Group No.: 1642

Examiner: C. Yaen

**VACCINES FOR TREATMENT OF
LYMPHOMA AND LEUKEMIA****DRAFT AMENDMENT - FOR DISCUSSION
PURPOSES ONLY**

The following communication provides proposed amendments in the above-named case for discussion purposes only. These proposals are in response to the Office Action mailed April 9, 2003.

PROPOSED AMENDMENTS TO THE CLAIMS:

1. (Amended) A multivalent ~~vaccine~~-composition ^{support?} (for active idiotype immunotherapy) comprising at least two recombinant variable regions of immunoglobulin molecules derived from quasi-clonal B-cell lymphoma cells ^{support?} from a single patient, wherein said at least two variable regions comprise recombinant immunoglobulin molecules that differ by at least one idiotope.
intra clonal variation

2. (Canceled)

3. (Amended) The ~~vaccine~~-composition of Claim 1, wherein said recombinant immunoglobulin molecules are covalently linked to an immune-enhancing cytokine.

4. (Amended) The ~~vaccine~~-composition of Claim 3, wherein said cytokine is selected from the group consisting of granulocyte-macrophage colony stimulating factor, interleukin-2 and interleukin-4.

Summary:
 lymphomas
 multiple tumor types for
 23 molecules (ie polyclonal)
 w/ 5 parental B-cell IgG
 single transgene
 event all cells have
 same surface Ag presentation
 variation at gene level

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AUG 12 2003

GROUP 1600

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Christopher Yaen
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MESSAGE:

Draft Amendments for discussion on
8/12/03; 11:00 AM EDT

Appln. Ser. No. 09/370,453

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Patent, Trademark & Copyright Attorneys

440 Science Drive Suite 203 Madison Wisconsin 53711 Tel 608.218.6900 Fax 608.218.6910

West Coast

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East Coast

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